

Converting Colors

YUV(21.6130, -9.6692, 21.3874)

Have a look what the booklet for
YUV(21.6130, -9.6692, 21.3874)
contains.

YUV(21.6130, -9.6692, 21.3874)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(21.6130, -9.6692,
21.3874)**

Conversions

Conversions Part 1

Format	Color
Hex	2E0D02
RGB	46, 13, 2
RGB Percent	18%, 5%, 1%
CMY	0.8196, 0.9490, 0.9922
CMYK	0.00, 0.72, 0.96, 0.82
HSL	15°, 92%, 9%
HSV	15°, 96%, 18%
XYZ	1.2816, 0.8731, 0.1584
YIQ	21.6130, 23.1990, 3.5750

Conversions

Conversions Part 2

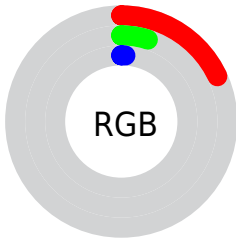
Format	Color
RYB	46, 17, 2
Decimal	3017986
CIELab	7.89, 16.05, 11.33
CIElCh	8, 19.646, 35.225
Yxy	0.8731, 0.5541, 0.3775
Android (android.graphics.Color)	4281208066 (0xFF2E0D02)
YUV	21.6130, -9.6692, 21.3874
Hunter-Lab	9.3438, 8.1312, 5.5356

Details

The YUV color **21.6130, -9.6692, 21.3874** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **26.3870, 9.6692, -21.3874**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **66.5640, -8.6591, 24.0614**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.7980, -10.2534, 22.1022**, and if you desaturate by 10%, it is **23.9440, -8.3534, 19.3431**.

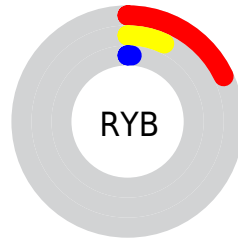
Distribution



Red (18%)

Green (5%)

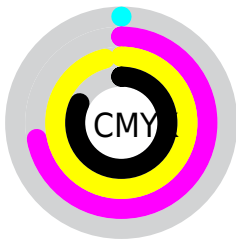
Blue (1%)



Red (18%)

Yellow (7%)

Blue (1%)

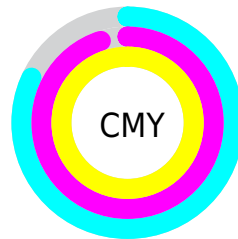


Cyan (0%)

Magenta (72%)

Yellow (96%)

Black (82%)



Cyan (82%)

Magenta (95%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.6130, -9.6692, 21.3874 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 21.6130, -9.6692, 21.3874 by changing the saturation by 10% instead.

■ 21.6130, -9.6692,
21.3874

■ 21.6130, -9.6692,
21.3874

■ 241.9430, -6.8739,
11.4510

■ 5.0830, -2.5059,
10.4512

■ 66.5640, -8.6591,
24.0614

■ 0.0000, 0.0000,
0.0000

■ 90.4610, -9.1013,
25.9057


■ 114.9450, -9.8329,
27.2352


■ 141.1300,
-10.4171, 27.9500


■ 167.7280,
-10.7119, 29.1795


■ 195.2120,


-11.4435, 30.5091


 221.7280,
-10.7119, 29.1795


 21.6130, -9.6692,
21.3874


 21.6130, -9.6692,
21.3874


 20.7980, -10.2534,
22.1022

 23.9440, -8.3534,
19.3431

 26.7480, -7.7638,
16.8840

 29.0790, -6.4479,
14.8397

 31.8830, -5.8583,
12.3806

 34.2140, -4.5425,
10.3363

■ 37.1320, -3.5161,
7.7772

■ 39.3490, -2.6371,
5.8329

■ 42.2670, -1.6106,
3.2738

■ 44.4840, -0.7316,
1.3295

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



22.0180, -0.5019, 21.0322



21.6130, -9.6692, 21.3874



22.2270, -10.9579, 14.7099

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.6130, -9.6692, 21.3874



18.5220, -5.1873, -16.2438



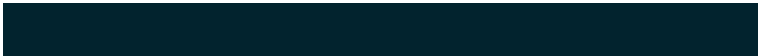
19.6740, 14.4577, -17.2541

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



21.6130, -9.6692, 21.3874



26.3870, 9.6692, -21.3874

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



21.7940, 12.4266, -19.1133



21.6130, -9.6692, 21.3874



21.0470, 1.9488, -18.4582

Square

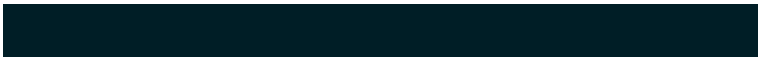
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



21.6130, -9.6692, 21.3874



20.0350, -9.8773, -5.2927



21.9420, 7.9166, -19.2431



24.3560, 10.1775, 2.3188

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



21.6130, -9.6692, 21.3874



22.4820, -11.0836, 8.3473



21.9420, 7.9166, -19.2431



20.2610, 14.1683, -17.7689

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



21.6130, -9.6692, 21.3874



49.4310, -3.6635, 8.3920



18.9180, 7.9284, 23.7509



25.0500, -2.4897, 5.2181



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.6130, -9.6692, 21.3874



26.4460, -13.0379, 28.5499



34.5270, -16.0358, 10.0618



21.5980, -0.2948, 1.2296



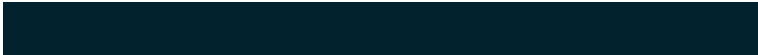
38.9270, -19.1910, 42.1600



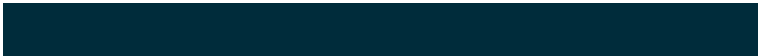
95.6840, -47.1722, 103.7631

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



26.3870, 9.6692, -21.3874



32.5540, 13.0379, -28.5499



13.4730, 16.0358, -10.0618



21.8150, 0.5842, -0.7148



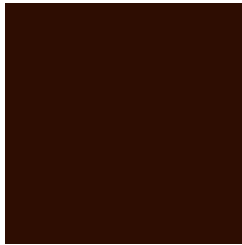
48.0730, 19.1910, -42.1600



118.9030, 46.8828, -104.2779

Previews

White Background



This preview shows how the YUV color 21.6130, -9.6692, 21.3874 looks on a white background.

Color Contrast Check

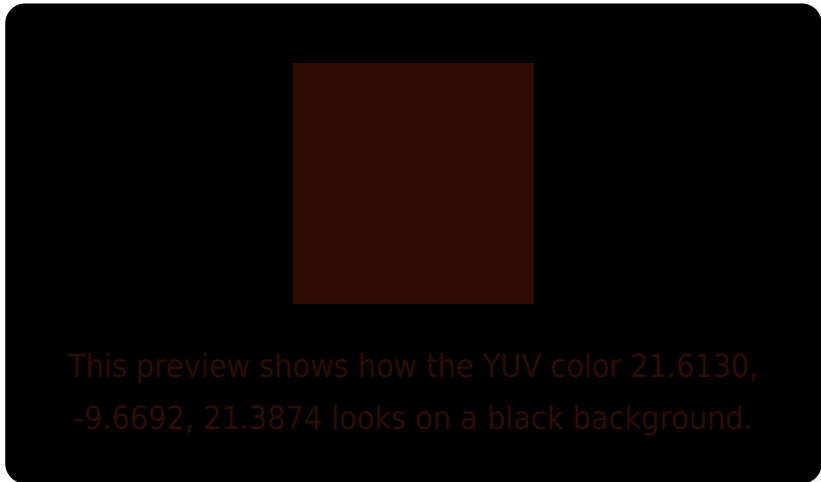
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

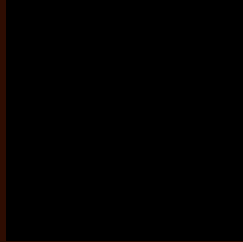
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 21.6130, -9.6692, 21.3874

Background



This preview shows how black text looks on a background with the YUV color 21.6130, -9.6692, 21.3874.

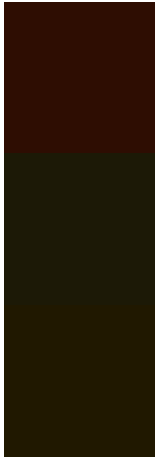


This preview shows how white text looks on a background with the YUV color 21.6130, -9.6692,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

21.6130, -9.6692, 21.3874

Protanopia

23.7310, -8.7414, 3.7439

Deuteranopia

23.6560, -11.6624, 7.3177



Tritanopia

22.2800, -4.5750, 20.8024

Trichromacy



Original Color

21.6130, -9.6692, 21.3874

Protanomaly

23.3620, -9.0525, 10.2065

Deuteranomaly

22.9170, -10.8051, 12.3508

Tritanomaly

21.8240, -6.3222, 21.2024

Monochromacy



Original Color

21.6130, -9.6692, 21.3874

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

22.1320, -3.5161, 7.7772

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.6130, -9.6692, 21.3874 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(46, 13, 2)` looks like.

```
.text, #text, p{  
    color:rgb(46, 13, 2)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(46, 13, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 13, 2) }
```

Border

The CSS property to change the border of an element to YUV 21.6130, -9.6692, 21.3874 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(46, 13, 2) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(46, 13, 2) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(46, 13, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 13, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(46, 13, 2); box-shadow:4px  
4px 4px 4px rgb(46, 13, 2) }
```

Background

The CSS property to change the background color of an element to YUV 21.6130, -9.6692, 21.3874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 13, 2) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(46, 13,  
2) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor